

Amendments to the Claims

1. (Currently amended) A method for harvesting forage crops with a harvester comprising a processing unit and a pickup header, the pickup header including at least one pair of augers situated one above another, the at least one pair of augers being on at least one side of the pickup unit and rotating on axes substantially parallel to a pickup header axis, the pickup header being wider than a width of the processing unit, the method comprising:

- (a) picking up the forage crop with the pickup header having teeth with which to move the forage crop;
- (b) transferring the forage crop towards the processing unit with the teeth in a direction substantially perpendicular to the pickup header axis; ~~and~~
- (c) directing the forage crop in the pickup header outside the width of the processing unit toward a middle of the pickup header with the at least one pair of augers on at least one side of the pickup unit, shafts of said at least one pair of augers not extending across a full width of the pickup header; and
- (d) driving individual augers within one pair of augers such that respective tangential speeds at an outer circumference of each of said individual augers are unequal.

2. (Currently amended) The method of claim 1, additionally comprising:

- (a) using a laid back tooth having an angle measured between itself and a radial line passing through the pickup header axis and a base of the laid back tooth greater than teeth ~~having other characteristics in the pickup header~~ not sweeping under the at least one pair of augers; and
- (b) rotating said laid back tooth only about the pickup header axis.

3. (Original) The method of claim 2 wherein the laid back teeth are used in a region of the pickup header that sweeps under the at least one pair of augers.

4. (Previously presented) The method of claim 1, additionally comprising:

- (a) using a heavy tooth having a rigidity such that a force of at least 45 lb_f is required to deflect said heavy tooth an angle of 41°; and
- (b) rotating said heavy tooth only about the pickup header axis.

5. (Original) The method of claim 4 wherein the heavy teeth are used in a region of the pickup header inside ends of the at least one pair of augers.

6. (Previously presented) The method of claim 1, additionally comprising using teeth having a plurality of characteristics comprising:

- (a) a laid back tooth having an angle measured between itself and a radial line passing through the pickup header axis and a base of the laid back tooth greater than teeth having other characteristics in the pickup header; and
- (b) a heavy tooth having a rigidity such that a force of at least 45 lb_f is required to deflect said heavy tooth an angle of 41°;

wherein the method also comprises rotating said teeth only about the pickup header axis.

7. (Original) The method of claim 1 wherein a rotational speed of one auger of the at least one pair of augers is not the same value as a rotational speed of the other auger.

8. (Currently Amended) An apparatus for crop processing having a processing width defined by a distance between a left side and a right side of a processing unit, the apparatus comprising:

- (a) a pickup header that is wider than said processing width;
- (b) teeth incorporated with the pickup header to actively move the crop; and
- (c) a pair of augers on at least one of a right side and a left side of the pickup header to move crop material laterally, shafts of said pair of augers not extending across a full width of the pickup header; and
- (d) an auger pair drive system for driving said augers such that tangential speeds of outer circumferences of respective augers within the pair of augers are unequal.

9. (Currently amended) The apparatus of claim **8** additionally comprising teeth in the pickup header, said teeth comprising at least one laid back tooth having an angle measured between itself and a radial line passing through the pickup header axis and a base of the at least one laid back tooth greater than ~~other~~ teeth in the pickup header not sweeping under the pair of augers; further, said teeth are rotated about and axis of the pickup header only.

10. (Original) The apparatus of claim **9** wherein the laid back teeth are used in a region of the pickup header that sweeps under the at least one pair of augers.

11. (Previously presented) The apparatus of claim **8** additionally comprising teeth in the pickup header, said teeth comprising at least one heavy tooth having a rigidity such that a force of at least 45 lb_f is required to deflect said at least one heavy tooth an angle of 41°.

12. (Previously presented) The apparatus of claim **11** wherein at least one heavy tooth is used in a region of the pickup header inside ends of the at least one pair of augers.

13. (Original) The apparatus of claim **8**, the pickup header additionally comprising teeth comprising:

- (a) a laid back tooth having an angle measured between itself and a radial line passing through the pickup header axis and a base of the laid back tooth greater than teeth having other characteristics in the pickup header; and
- (b) a heavy tooth having a rigidity such that a force of at least 45 lb_f is required to deflect said heavy tooth an angle of 41°.

14. (Original) The apparatus of claim **8** additionally comprising means to make a rotational speed of one auger of the at least one pair of augers different from a rotational speed of the other auger.

15. (Previously presented) The apparatus of claim **8** wherein said pickup header is not supported by gauge wheels.

16. (Original) The apparatus of claim **8** wherein the apparatus for crop processing is a large round baler.

17. (Previously presented) The method of claim **1** additionally comprising the step of locating said pickup header at a position in close proximity to an axis of rotation of a wheel, such that the pickup header is not supported by gauge wheels.

18. (Previously presented) A round baler with a bale forming chamber of a fixed width including an intake comprising:

- (a) a pickup header having a top plane, a middle section having a width substantially equal to the bale forming chamber, and at least one outside section extending beyond a side of the bale forming chamber;
- (b) a pair of augers comprising:
 - (i) a lower auger;
 - (ii) an upper auger;
 - (iii) wherein a bottom of the lower auger is aligned with the top plane of the pickup header;
 - (iv) a top of the lower auger and a bottom of the upper auger are in close proximity; and
 - (v) a top of the upper auger defines an overall height of the pair of augers.

19. (Previously presented) The round baler of claim **18** additionally comprising a mounting system for positioning the pair of augers wholly behind the at least one outside section of the pickup header.

20. (Previously presented) A method of arranging a round baler with a bale forming chamber of a fixed width and an intake, operatively mounted to the round baler, the method comprising:

- (a) constructing a pickup header with a top plane, a middle section having a width substantially equal to the bale forming chamber, and at least one outside section extending beyond a side of the bale forming chamber;
- (b) mounting a lower auger beneath an upper auger;
- (c) aligning a bottom of the lower auger with the top plane of the pickup header;
- (d) arranging a top of the lower auger in close proximity to a bottom of the upper auger; and
- (e) defining an overall height of the pair of augers by a top of the upper auger.

21. (Previously presented) The method of claim **20** additionally comprising mounting the upper and lower augers wholly behind the at least one outside section of the pickup header.

22. (New) A method for harvesting forage crops with a harvester comprising a processing unit and a pickup header, the pickup header including at least one pair of augers situated one above another, the at least one pair of augers being on at least one side of the pickup unit and rotating on axes substantially parallel to a pickup header axis, each auger having a rotation direction, the pickup header being wider than a width of the processing unit, the method comprising:

- (a) picking up the forage crop with the pickup header having teeth with which to move the forage crop;
- (b) transferring the forage crop towards the processing unit with the teeth in a direction substantially perpendicular to the pickup header axis;
- (c) directing the forage crop in the pickup header outside the width of the processing unit toward a middle of the pickup header with the at least one pair of augers on at least one side of the pickup unit, shafts of said at least

one pair of augers not extending across a full width of the pickup header;
and

- (d) rotating the at least one pair of augers in the same rotational direction.

23. (New) An apparatus for crop processing having a processing width defined by a distance between a left side and a right side of a processing unit, the apparatus comprising:

- (a) a pickup header that is wider than said processing width;
- (b) teeth incorporated with the pickup header to actively move the crop;
- (c) a pair of augers on at least one of a right side and a left side of the pickup header to move crop material laterally, shafts of said pair of augers not extending across a full width of the pickup header, each auger having a rotational direction; and
- (d) an auger pair drive system for driving said augers in the same rotational direction.